

ABSTRACT OF THE DISCLOSURE

A method and apparatus that provide for a Layer 2 path determination are disclosed. In one embodiment of the invention, a Layer 3 path between a source device and destination device is first determined in order to identify contiguous pairs of Layer 3 devices. A
5 subpath is then determined for each contiguous pair of Layer 3 devices based on VLAN and spanning tree information associated with the contiguous pair. The Layer 2 path is a concatenation of the subpaths of all the contiguous pairs in the Layer 3 path.

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